S01P1457US00J

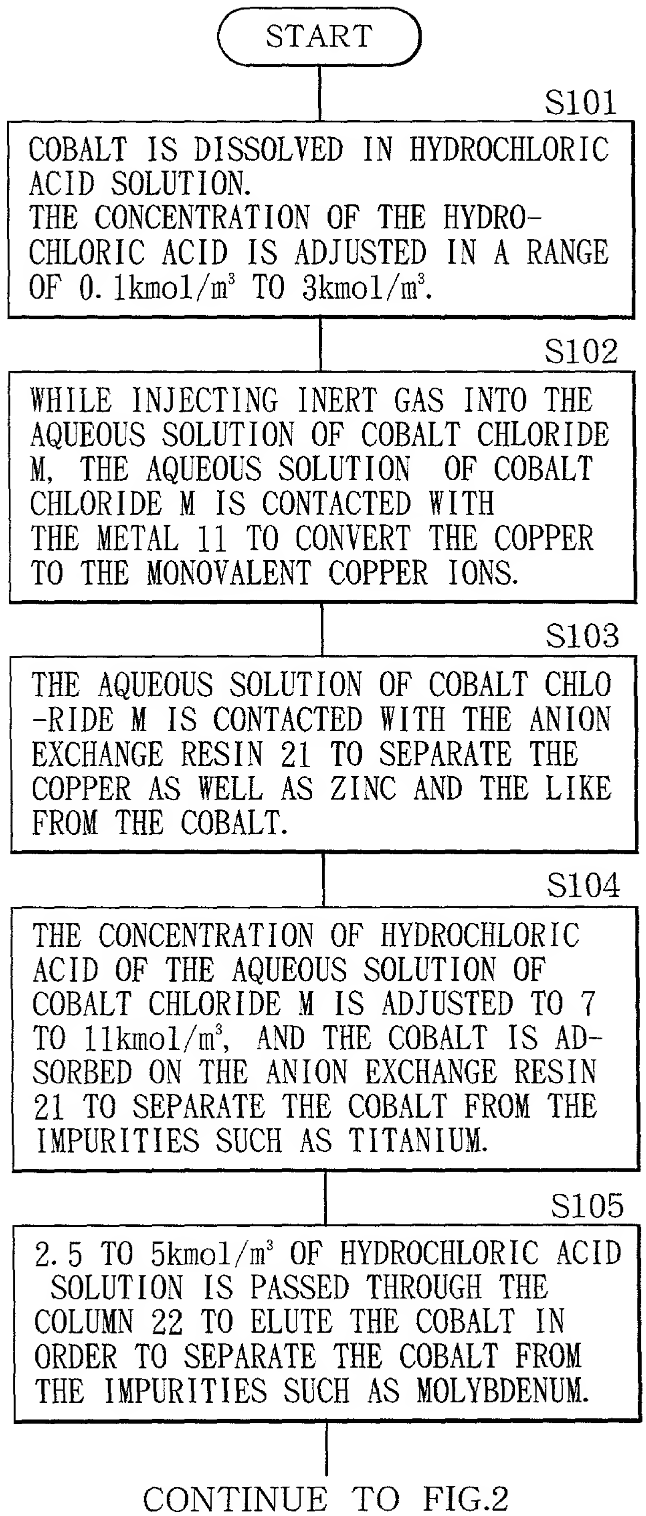

FIG.1

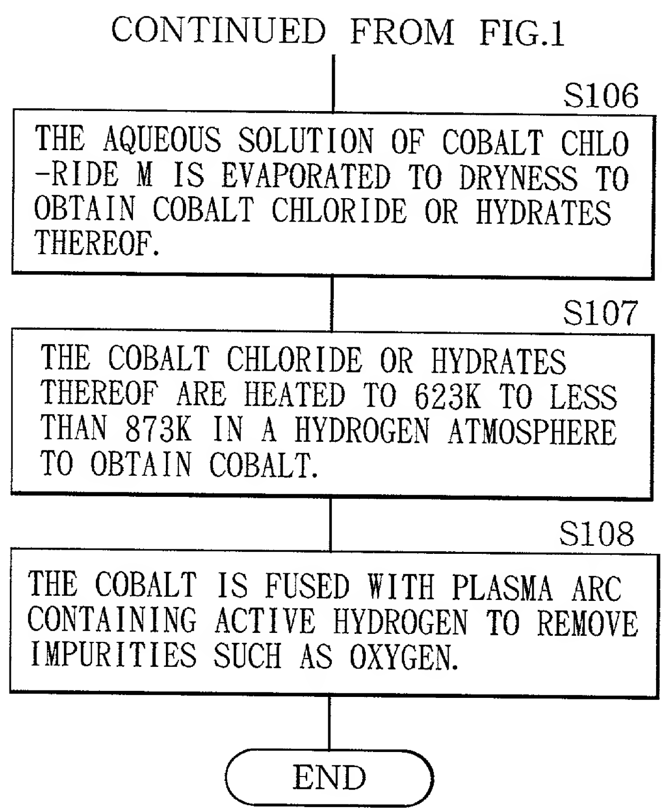
CONTINUED FROM FIG.1
S106
THE AQUEOUS SOLUTION OF COBALT CHLO-RIDE M IS EVAPORATED TO DRYNESS TO OBTAIN COBALT CHLORIDE OR HYDRATES THEREOF.
S107
THE COBALT CHLORIDE OR HYDRATES THEREOF ARE HEATED TO 623K TO LESS THAN 873K IN A HYDROGEN ATMOSPHERE TO OBTAIN COBALT.
S108
THE COBALT IS FUSED WITH PLASMA ARC CONTAINING ACTIVE HYDROGEN TO REMOVE IMPURITIES SUCH AS OXYGEN.
END

FIG.2

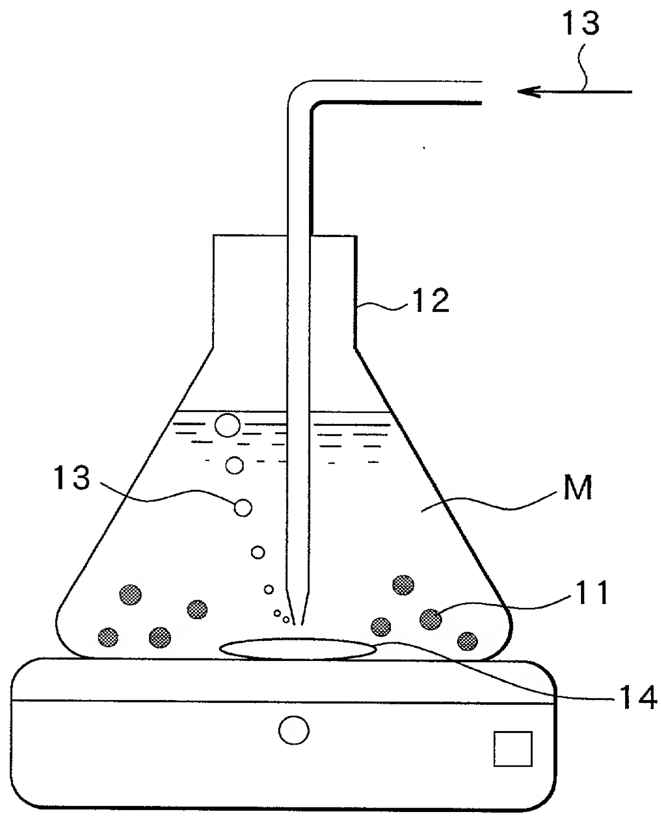

FIG.3

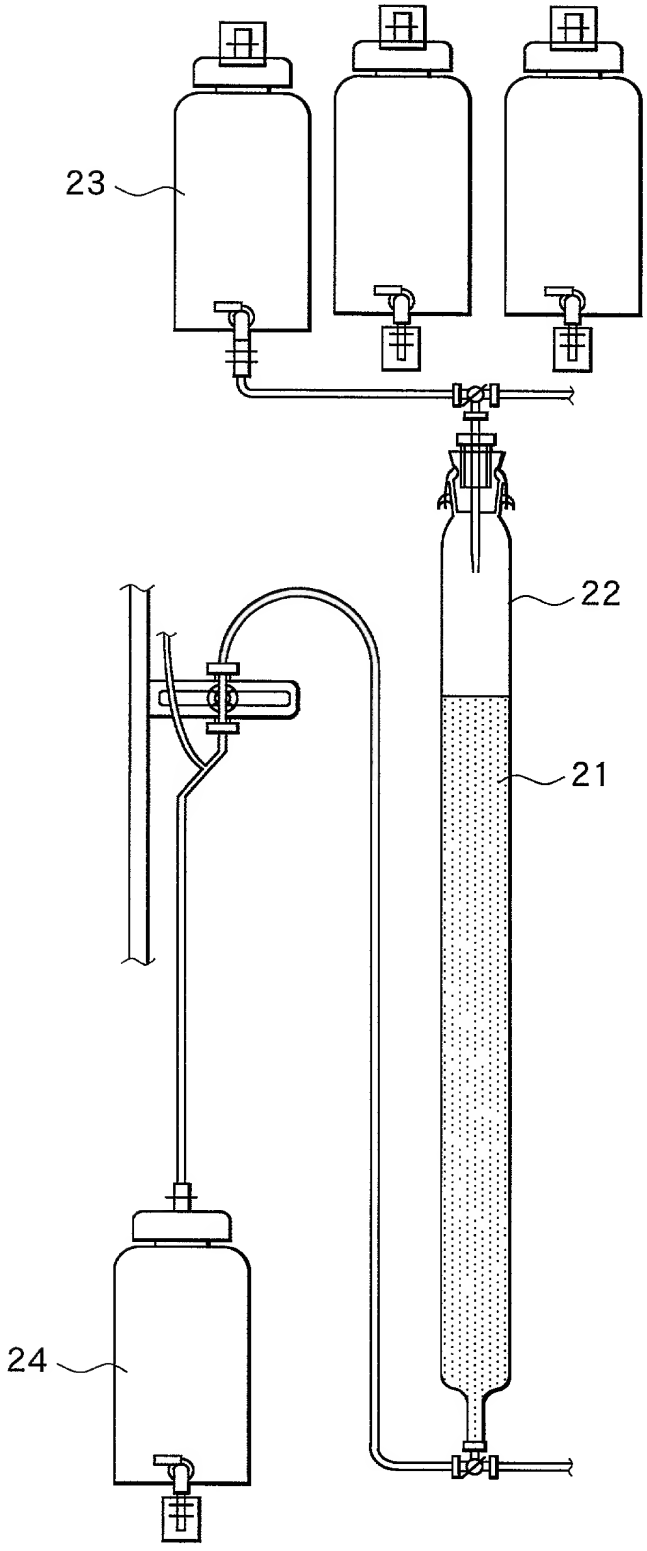

FIG.4

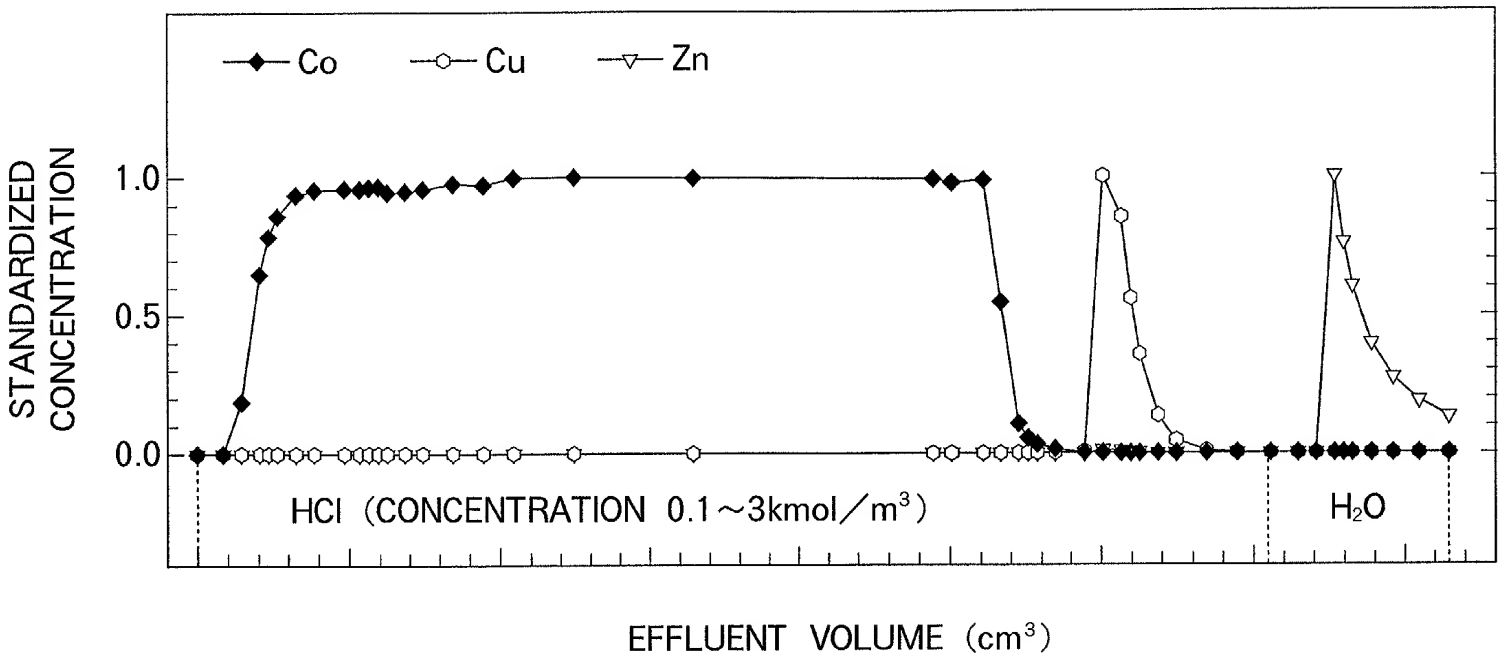
Co
Cu
Zn
STANDARDIZED CONCENTRATION
1.0
0.5
0.0
HCl (CONCENTRATION 0.1～3kmol／m³)
H₂O
EFFLUENT VOLUME (cm³)

FIG.5

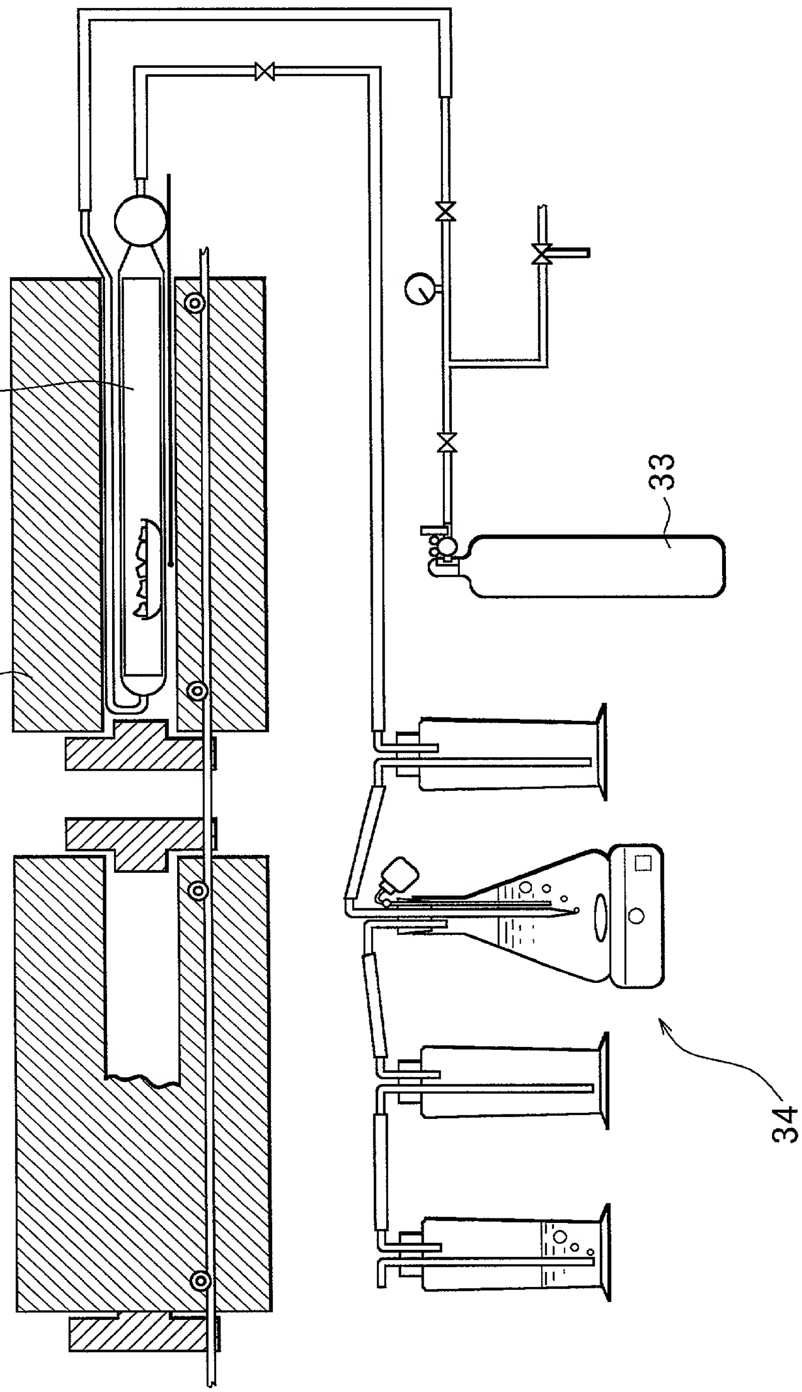

FIG.6

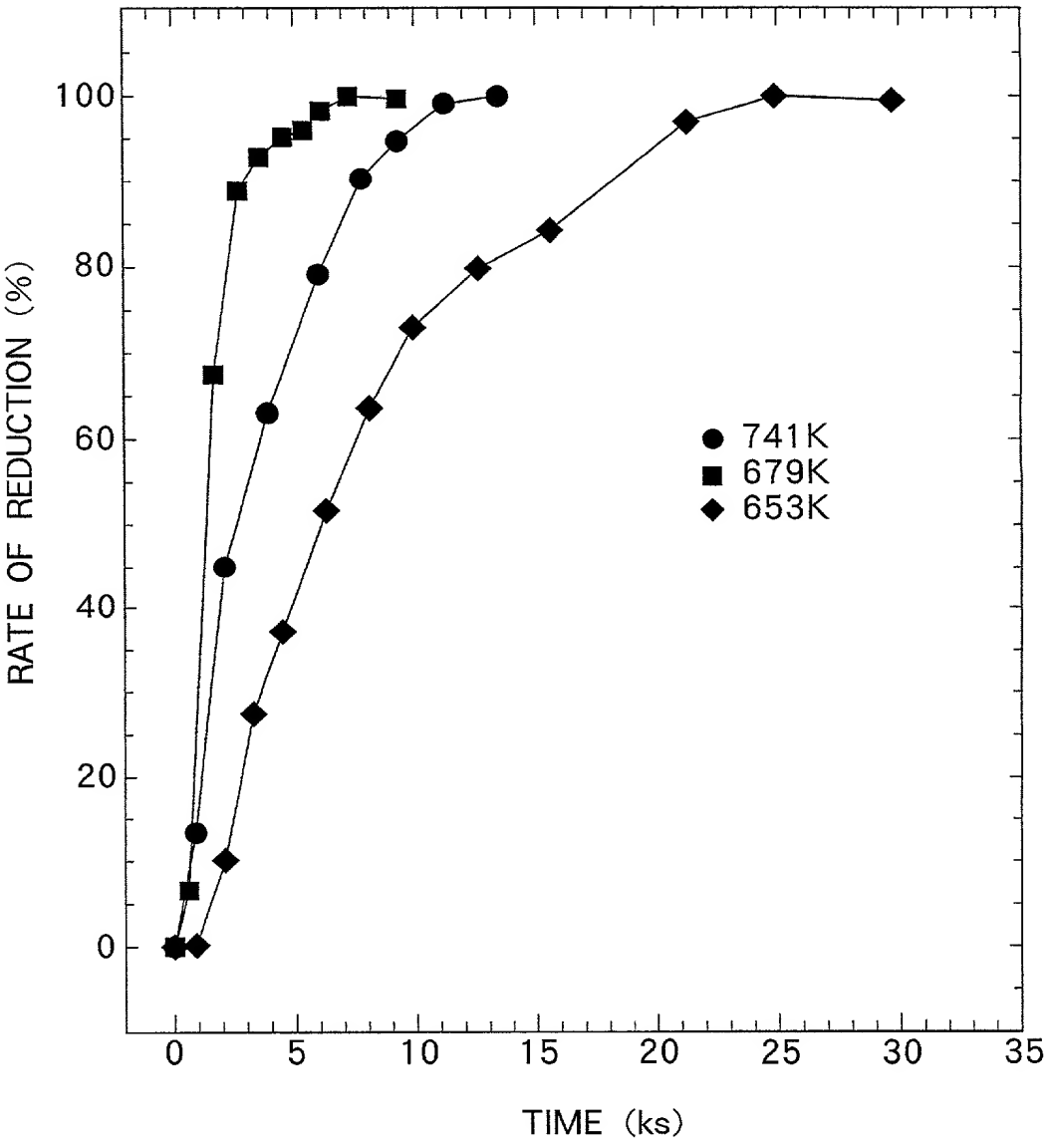
RATE OF REDUCTION (%)
100
80
60
40
20
0
0
5
10
15
20
25
30
35
TIME (ks)
741K
679K
653K

FIG.7

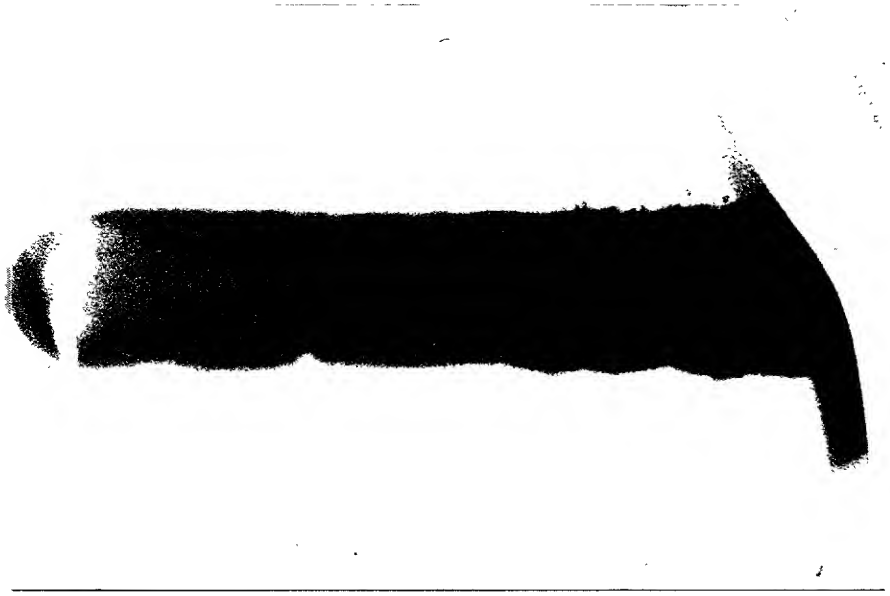

FIG.8